

Manpack Antenna



The MPDP690-900 broadband dipole antenna is designed to be used in military manpack, commercial, and other applications where reliability is needed most. This antenna works with all radios within the 690-900 MHz band.

The antenna has an instantaneous bandwidth of 210 MHz over the operating band of 690-900 MHz with a VSWR of 2:1 or less at any frequency within the operational band at power inputs of up to 20 Watts.

The robust mechanical and environmental design meets or exceeds MIL-STD-810 and includes a gooseneck section to allow adjustment of the radiator for various orientations of the manpack radio.

Being “ground independent”, this antenna can be used on all types of radio equipment (metal or non-metal) with no degradation in performance.



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Specifications

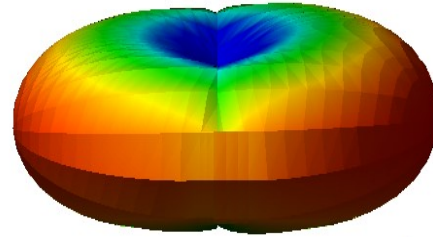
ELECTRICAL:

Frequency Range:	690-900 MHz
Gain:	0 ~ 2 dBi +/- .5
VSWR:	2.0:1 Typical 2.5:1 Max
Input Impedance:	50 Ω Nominal
Power:	20 Watts
Polarization:	Vertical
Radiation Pattern:	Azimuth: 360° Elevation: 90°
Input Connector:	Type N Male (Other Connectors Available)

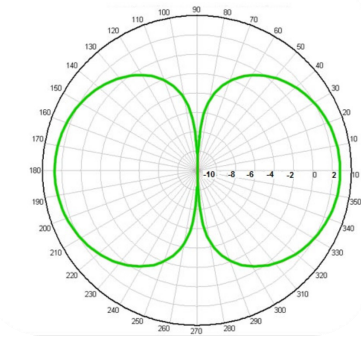
MECHANICAL:

Overall Height:	24.0 in. (0.61 m)
Net Weight:	1.00 lb. (0.45 kg)
Color:	Black/Green/Tan/Grey
Mounting:	Type N Male (Other Connectors Available)

3D REFERENCE



ELEVATION PATTERN REFERENCE



**All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.

**Specifications are subject to change without prior notice.



Made in the USA
ISO 9001:2015 Certified
(1Y24600)

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